

## PESTICIDES

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### ■ RY 2000 PBT listed pesticides:

- Pendimethalin
- Trifluralin
- Methoxychlor
- Heptachlor
- Toxaphene
- Isodrin
- Aldrin
- Chlordane

### ■ All of these pesticides were already on the list of TRI chemicals

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## PESTICIDES

### ■ Potential reporting facilities include:

- Manufacturers of the pesticides
- Processors of the pesticides
- TSDFs that manage pesticide-containing wastes may be otherwise using the pesticides

### ■ EPA does not expect any additional reports on these pesticides from users of pesticides

- Most of these pesticides would not be used at reporting facilities
- Even if a reporting facility used one of these pesticides, the use may qualify for the facility and grounds maintenance exemption if use not process related

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## PENDIMETHALIN

### ■ PBT activity threshold: 100 pounds

### ■ Pendimethalin is currently being used as an insecticide and herbicide

- Primarily used as a herbicide on crops
- 58 pendimethalin products registered for agricultural, domestic, and commercial uses and is applied by broadcasting, directed spray and soil treatment

### ■ Releases of pendimethalin are expected to occur from manufacturing, formulation, packaging, and disposal activities associated with its use

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## TRIFLURALIN

- PBT activity threshold: 100 pounds
- Trifluralin is a herbicide used primarily on cotton and soybean crops
- Releases of trifluralin are expected to occur from manufacturing, formulation, packaging, and disposal activities associated with its use

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## METHOXYCHLOR

- PBT activity threshold: 100 pounds
- Methoxychlor is an insecticide used to control insects on agricultural crops, livestock, grain storage, home gardens, and pets
- Methoxychlor may be applied to large areas such as beaches, estuaries, and marshes for control of flies and mosquito larvae
- It may also be used for spray treatment of garbage and sewage areas

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## HEPTACHLOR

- PBT activity threshold: 10 pounds
- Heptachlor was used as a broad-spectrum insecticide on crops, home and gardens, and as a seed treatment
- Most uses of heptachlor were banned by EPA in 1978
  - Presently used to control fire ants in buried, pad-mounted electric power transformers and in underground cable television and telephone cable boxes
- Manufacture in U.S. ceased in 1997

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## TOXAPHENE

- PBT activity threshold: 10 pounds
- Toxaphene was used as an insecticide since the late 1940s to control pests on cotton, vegetables, livestock and poultry, and soybeans
- Most domestic uses of toxaphene banned in 1990, but still used as an insecticide on bananas and pineapples in Puerto Rico and the Virgin Islands

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## ISODRIN

- PBT activity threshold: 10 pounds
- Isodrin is an insecticide no longer manufactured or used commercially in the U.S.
- Isodrin may also be coincidentally manufactured from coal mining, foundries, waste incineration, and nonferrous metals manufacturing

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## ALDRIN

- PBT activity threshold: 100 pounds
- Aldrin was used as a soil insecticide on crops beginning in the 1950s
- Aldrin is not manufactured or used under any circumstances in the U.S.

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## CHLORDANE

- PBT activity threshold: 10 pounds
- Chlordane was used as a broad-spectrum insecticide on:
  - Crops
  - Gardens
  - Landscaping
  - Termite and ant control
- All end uses of chlordane were banned by EPA in 1988; however, still manufactured for export until 1997

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